

MATERIAL 
 HOUSING: NYLON66, UL94V-0
 CAGE: COPPER ALLOY, M2/Ni PLATED
 SCREW: STEEL, M2/Zn PLATED, TORQUE: 0.2N.m
 PIN: COPPER ALLOY, Sn PLATED

ORDER INFORMATION

5 T S 3 8 1 S - 3 8 H N X X X L X - 0 1



MECHANICAL
 OPERATING TEMPERATURE: -40°C~+105°C
 SOLDERING TEMPERATURE: 260°C/5S
 STRIPPING LENGTH: 4~5mm

381:
PITCH 3.81mm

SERIES NO.


No of Pins total
(02~24)


E: GREEN

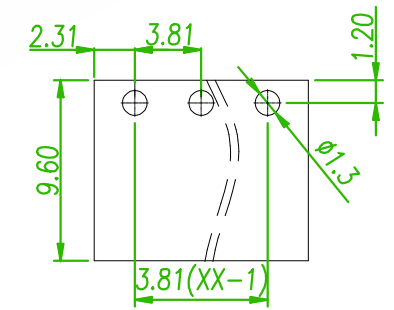
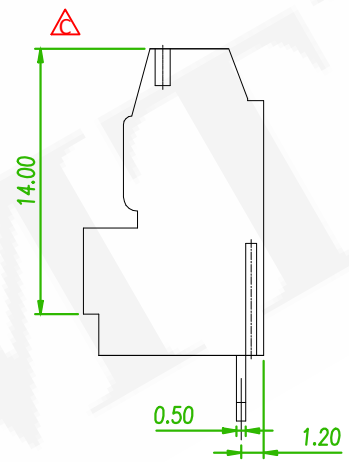
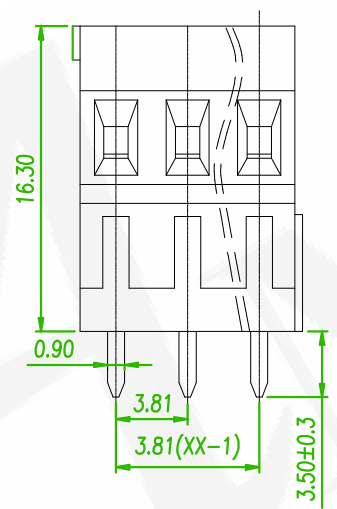
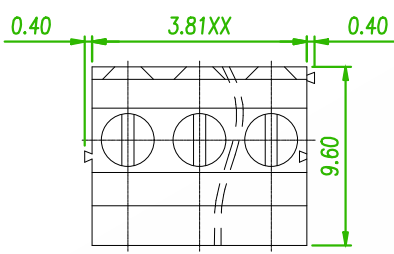
B: BAG

L: RoHS + NYLON66




TECHNICAL DATA 
 UL/CUL



SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	10	-	10
WIRE RANGE	28-16		
SOLID/STRANDED (AWG)	28-16		
WITHSTANDING VOLTAGE	1600V (1MIN)		


SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	160	200	400
RATED CURRENT (A)	13.5	13.5	13.5
IMPULSE WITHSTANDING VOLTAGE (KV)	2.5	2.5	2.5
CONDUCTOR CROSS SECTION	0.5-1.0		
SOLID/FLEXIBLE (mm ²)	0.5-1.0		



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

linear dimension (Tolerances Standard GB/T 14486-2008)							—			
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	to 10	over 10 to 100	over 100 to	
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30 ±1.60	0.10	0.30	0.60	

	ECN NO: 240348 Revise the drawing	Gaby	2024/08/05
	ECN NO: 200718 Revise the Tolerance	Alice	2020/12/07
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	TERMINAL BLOCK PCB SCREW 3.81mm				頁數 Page	1/1
品號 PART NO.	5TS381S-38HNXXXLX-01			繪圖 DRAWN	Mia 2016/12/13	
圖號 DRAWING NO.	GN011-MC136	版本 REV.	C	核對 CHECKED	Jonny 2016/12/13	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Aaron 2016/12/13	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION	